

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN03/00667

A. CLASSIFICATION OF SUBJECT MATTER

IPC⁷ C12Q1/68, G01N33/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁷ G01N, C12Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Chinese Patent Document (1985~)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPOCOD, PAJ, CNPAT

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CN, A, 1290752(LU ZUHONG) 11. Apr 2001(11.04.01), entire document	1—58
A	CN, A, 1267089(QINGHUA UNIVERSITY) 20. Sep 2000(20.09.00), entire document	1-58
A	CN,A,2478109Y(ZHAO ZHONG), 20. Feb 2002(20.02.02), entire document	1-58

☒ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:	
“A” document defining the general state of the art which is not considered to be of particular relevance	“T” later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
“E” earlier application or patent but published on or after the international filing date	“X” document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
“L” document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)	“Y” document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
“O” document referring to an oral disclosure, use, exhibition or other means	
“P” document published prior to the international filing date but later than the priority date claimed	“&” document member of the same patent family

Date of the actual completion of the international search
15. Jul 2004(15.07.04)

Date of mailing of the international search report

29 · JUL 2004 (29 · 07 · 2004)

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US ,A, 20030087292(Shiping Chen et al) 08. May 2003(08.05.03), entire document	1-58
A	WO, A2, 03031976(RAN-DOX LABORATORIES LTD.) 17.Apr 2003(17.04.03), entire document	1-58
A	WO, A1, 0224952(CLI-NOMICS LABORATORIES, INC.) 28.March 2002(28.03.02), entire document	1-58
A	JP, A, 200321635(DAINIPPON PRINTING CO LTD) 24.January 2003(24.01.03), entire document	1-58

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CN03/00667

Patent document cited in search report	Publication data	Patent family member (s)	Publication Data
CN, A, 1290752	11. 04. 01	None	
CN, A, 1267089	20. 09. 00	CA, A, 2367698 WO, A, 0054882 AU, A, 6045799 US, A, 2002022276 US, B, 6355491 EP, A, 1207959	21. 09. 00 21. 09. 00 04. 10. 00 21. 02. 02 12. 03. 02 29. 05. 02
CN, Y, 2478109	20. 02. 02	None	
US, A1, 20030087292	08, 05, 03	WO, A, 2078834 US, A, 2002164824 US, A, 2003087309	10. 10. 02 07. 11. 02 08. 05. 03
WO, A2, 03031976	17. 04. 03	None	
WO, A1, 0224952	28. 03. 02	WO, A, 0198525 AU, A, 7011101 US, A, 2002009767 AU, A, 9099001 US, A, 2002168639 EP, A, 1305595	27. 12. 01 02. 01. 02 24. 01. 02 02. 04. 02 14. 11. 02 02. 05. 03
JP, A, 200321635	24. 01. 03	None	